

Converting Colors

$Yxy(71.9237, 0.3317, 0.3167)$

Have a look what the booklet for
Yxy(71.9237, 0.3317, 0.3167)
contains.

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Color

Yxy(71.8727, 0.3320, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	F8D3DF
RGB	248, 211, 223
RGB Percent	97%, 83%, 87%
CMY	0.0272, 0.1726, 0.1254
CMYK	0.00, 0.15, 0.10, 0.03
HSL	341°, 73%, 90%
HSV	341°, 15%, 97%
XYZ	75.3449, 71.8727, 79.7249
YIQ	223.4310, 18.2000, 11.5760

Conversions

Conversions Part 2

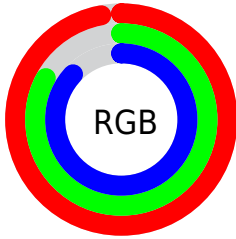
Format	Color
R _{YB}	248, 211, 223
Decimal	16307167
CIE Lab	87.91, 14.87, -1.11
CIE LCh	88, 14.911, 355.719
Yxy	71.8727, 0.3320, 0.3167
Android (android.graphics.Color)	4294497247 (0xFFFF8D3DF)
YUV	223.4310, -0.2125, 21.5470
Hunter-Lab	84.7778, 10.2780, 3.5882

Details

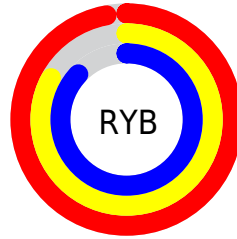
The Yxy color **71.8727, 0.3320, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.0819, 0.2966, 0.3417**, and the grayscale version is **74.1130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6805, 0.3362, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **59.6284, 0.3486, 0.3079**, and if you desaturate by 10%, it is **86.1147, 0.3185, 0.3251**.

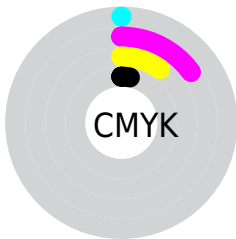
Distribution



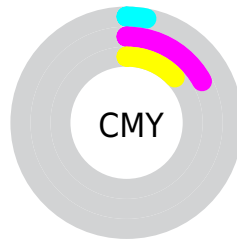
- Red (97%)
- Green (83%)
- Blue (87%)



- Red (97%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (3%)




- Cyan (3%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8727, 0.3320, 0.3167 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 71.8727, 0.3320, 0.3167 by changing the saturation by 10% instead.


 71.8727, 0.3320,
0.3167

 71.8727, 0.3320,
0.3167


467.0984, 0.3231,
0.3224

 53.0547, 0.3340,
0.3154


121.8755, 0.3289,
0.3187

 37.8464, 0.3366,
0.3138


153.8291, 0.3277,
0.3194

 25.8635, 0.3398,
0.3118

190.9301, 0.3267,
0.3201

 16.7216, 0.3440,
0.3091

233.5627, 0.3258,
0.3207

 10.0362, 0.3498,
0.3055

282.1115, 0.3250,
0.3212

 5.4230, 0.3581,
0.3003

336.9608, 0.3243,

 2.4975, 0.3713,

0.3216

0.2921

398.4949, 0.3236,
0.3220

0.8754, 0.3952,
0.2775

0.0000, 1.0000,
0.0000

71.8727, 0.3320,
0.3167

71.8727, 0.3320,
0.3167

59.6284, 0.3486,
0.3079

86.1147, 0.3185,
0.3251

49.2828, 0.3688,
0.2990

98.7093, 0.3084,
0.3290

40.7426, 0.3931,
0.2905

33.9028, 0.4218,
0.2831

■ 28.6476, 0.4543,
0.2780

■ 24.8466, 0.4895,
0.2764

■ 22.3480, 0.5249,
0.2793

■ 20.9659, 0.5573,
0.2872

■ 20.5562, 0.5719,
0.2924

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8727, 0.3143, 0.3048



71.8727, 0.3320, 0.3167



71.8727, 0.3446, 0.3318

Triad

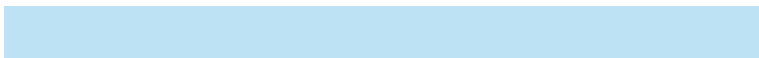
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8727, 0.3320, 0.3167



71.8727, 0.3283, 0.3608



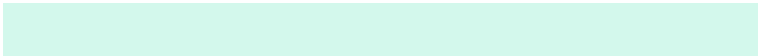
71.8727, 0.2783, 0.3099

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.8727, 0.3320, 0.3167



87.0819, 0.2966, 0.3417

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8727, 0.2818, 0.3248



71.8727, 0.3320, 0.3167



71.8727, 0.3103, 0.3550

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8727, 0.3320, 0.3167



71.8727, 0.3423, 0.3575



71.8727, 0.2934, 0.3416



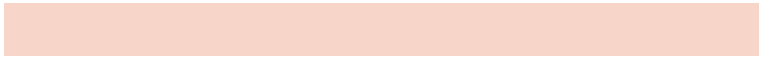
71.8727, 0.2836, 0.3006

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8727, 0.3320, 0.3167



71.8727, 0.3483, 0.3420



71.8727, 0.2934, 0.3416



71.8727, 0.2784, 0.3144

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.8759, 0.3320, 0.3167



93.2280, 0.3173, 0.3258



71.1423, 0.3056, 0.2909



19.6906, 0.3182, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

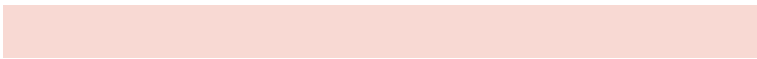
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8759, 0.3320, 0.3167



72.2917, 0.3368, 0.3140



74.3800, 0.3398, 0.3355



17.3181, 0.3243, 0.3213



11.1201, 0.5677, 0.2901



1.0485, 0.5342, 0.2717

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.8759, 0.3320, 0.3167



72.2917, 0.3368, 0.3140



84.0653, 0.2897, 0.3225



17.3181, 0.3243, 0.3213



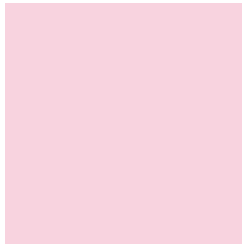
11.1201, 0.5677, 0.2901



1.0485, 0.5342, 0.2717

Previews

White Background



This preview shows how the Yxy color 71.8727, 0.3320, 0.3167 looks on a white background.

Color Contrast Check

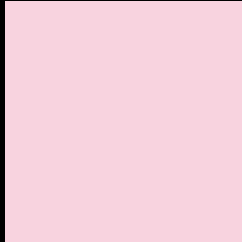
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 71.8727, 0.3320, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

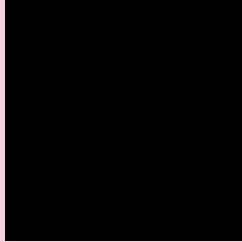
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8727, 0.3320, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 71.8727, 0.3320, 0.3167.



This preview shows how white text looks on a background with the Yxy color 71.8727, 0.3320, 0.3167.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.8727, 0.3320, 0.3167

Protanopia

71.7941, 0.3089, 0.3193

Deuteranopia

72.0678, 0.3271, 0.3207



Tritanopia

71.7790, 0.3299, 0.3117

Trichromacy



Original Color

71.8727, 0.3320, 0.3167

Protanomaly

71.5916, 0.3168, 0.3184

Deuteranomaly

72.0955, 0.3294, 0.3197

Tritanomaly

71.7239, 0.3307, 0.3127

Monochromacy



Original Color

71.8727, 0.3320, 0.3167

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1466, 0.3194, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8727, 0.3320, 0.3167 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(248, 211, 223)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 223)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(248, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 223) }
```

Border

The CSS property to change the border of an element to Yxy 71.8727, 0.3320, 0.3167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 211, 223) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(248, 211, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(248, 211, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8727, 0.3320, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(248,  
211, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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